

gas test shall be offered to the miner unless medically contraindicated. If an exercise blood-gas test is administered, blood shall be drawn during exercise.

(c) Any report of a blood-gas study submitted in connection with a claim shall specify:

- (1) Date and time of test;
- (2) Altitude and barometric pressure at which the test was conducted;
- (3) Name and DOL claim number of the claimant;
- (4) Name of technician;
- (5) Name and signature of physician supervising the study;
- (6) The recorded values for $p\text{CO}_2$, $p\text{O}_2$, and pH, which have been collected simultaneously (specify values at rest and, if performed, during exercise);
- (7) Duration and type of exercise;
- (8) Pulse rate at the time the blood sample was drawn;
- (9) Time between drawing of sample and analysis of sample; and
- (10) Whether equipment was calibrated before and after each test.

(Approved by the Office of Management and Budget under control number 1215-0090)

(Pub. L. No. 96-511)

[45 FR 13678, Feb. 29, 1980, as amended at 49 FR 18295, Apr. 30, 1984]

§ 718.106 Autopsy; biopsy.

(a) A report of an autopsy or biopsy submitted in connection with a claim shall include a detailed gross macroscopic and microscopic description of the lungs or visualized portion of a lung. If a surgical procedure has been performed to obtain a portion of a lung, the evidence shall include a copy of the surgical note and the pathology report of the gross and microscopic examination of the surgical specimen. If an autopsy has been performed, a complete copy of the autopsy report shall be submitted to the Office.

(b) No report of an autopsy or biopsy submitted in connection with a claim shall be considered unless the report complies with the requirements of this section, except that in the case of a miner who died prior to March 31, 1980, such reports shall be considered even when the reports are not in substantial compliance with the requirements of this section. Such nonconforming reports concerning miners who died prior to March 31, 1980, shall be accorded

such weight and probative value as is appropriate in light of all of the evidence applicable to the individual case.

(c) A negative biopsy is not conclusive evidence that the miner does not have pneumoconiosis. However, where positive findings are obtained on biopsy, the results will constitute evidence of the presence of pneumoconiosis.

[45 FR 13678, Feb. 29, 1980, as amended at 48 FR 24288, May 31, 1983]

§ 718.107 Other medical evidence.

The results of any medically acceptable test or procedure reported by a physician not addressed in this subpart which test or procedure tends to demonstrate the presence or absence of pneumoconiosis or the sequelae of pneumoconiosis or the presence or absence of a respiratory or pulmonary impairment, may be submitted in connection with a claim and shall be given appropriate consideration.

Subpart C—Determining Entitlement to Benefits

§ 718.201 Definition of pneumoconiosis.

For the purpose of the Act, *pneumoconiosis* means a chronic dust disease of the lung and its sequelae, including respiratory and pulmonary impairments, arising out of coal mine employment. This definition includes, but is not limited to, coal workers' pneumoconiosis, anthracosilicosis, anthracosis, anthrosilicosis, massive pulmonary fibrosis, progressive massive fibrosis, silicosis or silicotuberculosis, arising out of coal mine employment. For purposes of this definition, a disease "arising out of coal mine employment" includes any chronic pulmonary disease resulting in respiratory or pulmonary impairment significantly related to, or substantially aggravated by, dust exposure in coal mine employment.

§ 718.202 Determining the existence of pneumoconiosis.

(a) A finding of the existence of pneumoconiosis may be made as follows: